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Substitute for Form 1449/A/PTO

**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

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Complete if Known

Application No.	09/779,331
Filing Date	02/28/2001
First Named Inventor	Agoston et al.
Group Art Unit	1616
Examiner Name	Qazi, Sabiha
Attorney Docket Number	05213-0731 (43170-253406)

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Sheet 1 of 16

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number ²	Kind Code ³ (if known)			
	1	2,584,271		Huffman	02/05/1952	
	2	2,846,453		Hoehn	08/05/1958	
	3	3,410,879		Smith et al.	11/12/1968	
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	5	3,492,321		Crabbe	01/27/1970	
	6	3,496,272		Kruger (Identifier only)	02/17/1970	
	7	3,956,348		Hilscher	05/11/1976	
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	11	4,522,758		Ward et al.	06/11/1985	
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	23	6,136,992		Ram et al.	10/24/2000	
	24	6,200,966	B1	Stewart	03/13/2001	

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Signature

Sabiha Qazi

Date
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				First Named Inventor	Agoston et al.	
				Group Art Unit	1616 #9	
				Examiner Name	Qazi, Sabiha Naim	
Sheet	2	of	16	Attorney Docket Number		05213-0731 (43170-253406)
U.S. PATENT DOCUMENTS						
Examiner Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number ²	Kind Code ³ (if known)			
QA	25	6,239,123	B1	Green et al.	05/29/2001	

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	26	DE	1907330		Sandoz Ltd. (Identifier only)	10/23/1969			
	27	DE	3625315		Schering A.-G (Identifier only)	01/28/1998			
5072	28	WO	90/15816	A1	The UpJohn Company	12/27/1990			
	29	WO	93/03729		Research Corporation Technologies, Inc.	03/04/1993			
	30	WO	95/04535		The Children's Medical Center Corporation	02/16/1995			
	31	WO	98/40398		Pharm-Eco Laboratories, Inc.	09/17/1998			

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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			T ²
	32	Author: Title: Lilepristone/(1-[4-(Dimethylamino)phenyl]-17-hydroxy-17-(3-hydroxy-1-propenyl) estro-4,9-diene-3-one; AK 98734 Publ: Dict. of Drugs (1990), Dict. of Steroids (1991), Dict. of Org. Vol/Iss: Pages: Date: Cmpds (6th Ed) (1996), Dict. of Pharm. Agents (1997)			
	33	Author: Title: (paragraphs 583-584) Publ: The Merck Index 11th Edition Vol/Iss: Pages: 88 Date: 1989			
SC	34	Author: ADAMS, E.F. et al. Title: Steroidal regulation of oestradiol-17B dehydrogenase activity of the human breast cancer cell line MCF-7 Publ: Journal of Endocrinology Vol/Iss: 188 (1) Pages: 149-154 Date: 07/1988			
	35	Author: AIZU-YOKOTA et al. Title: Natural Estrogens Induce Modulation of Microtubules in Chinese Hamster V79 Cells in Culture Publ: Cancer Research Vol/Iss: 55 Pages: 1863-1868 Date: 05/01/95			
	36	Author: ATTALIA et al. Title: 2-Methoxyestradiol Arrests Cells in Mitosis without Depolarizing Tubulin Publ: Biochemical and Biophysical Research Communications Vol/Iss: 228 Pages: 467-473 Date: 1996			
	37	Author: AYALA et al. Title: The Induction of Accelerated Thymic Programmed Cell Death During Polymicrobial Sepsis: Control by Corticosteroids but not Tumor Necrosis Factor (Abstract only) Publ: Shock Vol/Iss: 3 (4) Pages: 259-267 Date: 04/1995			
	38	Author: BANIK et al. Title: Orally Active Long-Acting Estrogen (3-(2-propynyloxy)-estro-1,3,5,(10)-triene-17. beta.-ol trimethylacetate) (Identifier only) Publ: Steroids Vol/Iss: 16 (3) Pages: 289-296 Date: 1970			

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	39	Author: BARDON et al. Title: Steroid Receptor-Mediated Cytotoxicity of an Antiestrogen and an Antiprogesterin in Breast Cancer Cells (Abstract only) Publ: Cancer Research Vol/Iss: 47 (5) Pages: 1441-1448 Date: 03/01/87	
	40	Author: BHAT et al. Title: Estradiol-induced Mitotic Inhibition in the Bursa of Fabricius of Male Domestic Duckling Publ: Mikroskopie Vol/Iss: 39 Pages: 113-117 Date: 05/1982	
	41	Author: BLAGOSKLONNY et al. Title: Raf-1/bcl-2 Phosphorylation: A Step from Microtubule Damage to Cell Death Publ: Cancer Research Vol/Iss: 57 Pages: 130-135 Date: 01/01/97	
	42	Author: BLICKENSTAFF et al. Title: Estrogen-Catharanthus (Vinca) Alkaloid Conjugates Publ: Cytotoxic Estrogens in Hormone Receptive Tumors Vol/Iss: Pages: 89-105 Date: 1980	
	43	Author: BOYE et al. Title: 185. Deaminocolchinyll Methyl Ether. Synthesis from 2,3,4,4'-Tetramethoxybiphenyl Publ: Helvetica Chimica Acta -2-carbaldehyde. Comparison of Antitubulin Effects of Vol/Iss: 72 Pages: 1690-1696 Date: 1989	
	44	Author: BRODIE, A.M. Title: Aromatase Inhibitors in the Treatment of Breast Cancer (Abstract only) Publ: Journal of Steroid Biochemistry and Molecular Biology Vol/Iss: 49 (4-6) Pages: 281-287 Date: 06/1994	
	45	Author: BROSENS et al. Title: Comparative Study of the Estrogenic Effect of Ethinylestradiol and Mestranol on the Endometrium Publ: Laboratory for Gynecological Physiopathology Vol/Iss: 14 (6) Pages: 679-685 Date: 12/01/76	

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	46	Author: CASTAGNETTA, L. et al. Title: Simple Approach to Measure Metabolic Pathways of Steroids in Living Cells Publ: Journal of Chromatography Vol/Iss: 572 Pages: 25-39 Date: 12/06/91	
	47	Author: CHASSEROT-GOLAZ et al. Title: Biotransformation of 17.beta.-hydroxy-11.beta.-(4-dimethylaminophenyl) 17.alpha.1-propynyl-estra-4,9-diene-3-one (RU486) in Rat Hepatoma Variants (Identifier only) Publ: Biochemical Pharmacology Vol/Iss: 46 (11) Pages: 2100-2103 Date: 01/01/93	
	48	Author: CHEN et al. Title: A New Synthetic Route to 2- and 4-Methoxyestradiols by Nucleophilic Substitution Publ: Steroids Vol/Iss: 47 (1) Pages: 63-66 Date: 01/1986	
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	50	Author: COHEN et al. Title: Novel Total Synthesis of (+)-Estrone 3-Methyl Ether, (+)-13B-Ethyl-3-methoxygona-1,3,5(10-triene-17-one, and (+)-Equilenin 3-Methyl Ether Publ: The Journal of Organic Chemistry Vol/Iss: 6 Pages: 681-685 Date: 03/21/75	
	51	Author: COLLINS et al. Title: The Structure and Function of Estrogens. XI* Synthesis of (+/-)-7(8-11 α) abeo-Estradiol and its 9,11-Didehydro Derivative Publ: Aust. Journal of Chemistry Vol/Iss: 45 Pages: 71-97 Date: 1992	
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Examiner Signature	Sabiha Naim	Date Considered	11/30/02
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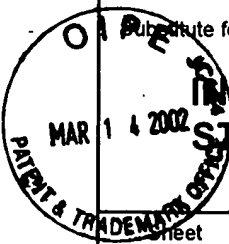
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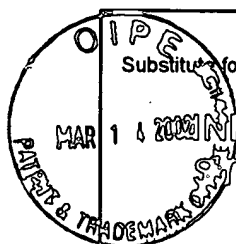
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	53	Author: CUMMINGS et al. Title: Apoptosis Publ: The American Journal of Surgical Pathology Vol/Iss: 21 (1) Pages: 88-101 Date: 1997	
	54	Author: CUSHMAN et al. Title: Synthesis, Antitubulin and Antimitotic Activity, and Cytotoxicity of Analogs of 2-Methoxyestradiol, an Endogenous Mammalian Metabolite of Estradiol that Publ: Journal of Medical Chemistry Vol/Iss: 38 (12) Pages: 2041-2049 Date: 1995	
	55	Author: CUSHMAN et al. Title: Synthesis of Analogs of 2-Methoxyestradiol with Enhanced Inhibitory Effects of Tubulin Polymerization and Cancer Cell Growth Publ: Journal of Medical Chemistry Vol/Iss: 40 (15) Pages: 2323-2334 Date: 1997	
	56	Author: D'AMATO et al. Title: 2-Methoxyestradiol, an Endogenous Mammalian Metabolite, Inhibits Tubulin Polymerization by Interacting at the Colchicine Site Publ: Proceedings of the National Academy of Science USA Vol/Iss: 91 Pages: 3964-3968 Date: 04/1994	
	57	Author: DVIR et al. Title: Thin-layer Chromatography of DANSYL-oestrogens Publ: Journal of Chromatography Vol/Iss: 52 Pages: 505-506 Date: 11/04/70	
	58	Author: EPE et al. Title: Microtubular Proteins as Cellular Targets for Carcinogenic Estrogens and Other Carcinogens Publ: Mechanisms of Chromosome Distribution and Aneuploidy Vol/Iss: Pages: 345-351 Date: 1989	
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	60	Author: FISHMAN, J. Title: Synthesis of 2-Methoxyestrogens Publ: Journal of the American Chemical Society Vol/Iss: 80 Pages: 1213-1216 Date: 03/05/98	
	61	Author: FITZGERALD Title: Molecular Features of Colchicine Associated with Antimitotic Activity and Inhibition of Tubulin Polymerization Publ: Biochemical Pharmacology Vol/Iss: 25 Pages: 1383-1387 Date: 06/15/76	
	62	Author: FOTSIS et al. Title: The Endogenous Oestrogen Metabolite 2-Methoxyoestradiol Inhibits Angiogenesis and Suppresses Tumour Growth Publ: Nature Vol/Iss: 368 Pages: 237-239 Date: 03/17/94	
	63	Author: GETAHUN et al. Title: Synthesis of Alkoxy-Substituted Diaryl Compounds and Correlation of Ring Separation with Inhibition of Tubulin Polymerization: Differential Enhancement of Inhibitory Effects Under Suboptimal Polymerization Publ: Journal of Medical Chemistry Vol/Iss: 35 (6) Pages: 1058-1067 Date: 03/20/92	
	64	Author: GROSS et al. Title: Inhibition of Tumor Growth, Vascularization, and Collagenolysis in the Rabbit Cornea by Medroxyprogesterone Publ: Proceedings of the National Academy of Science USA Vol/Iss: 78 (2) Pages: 1176-1180 Date: 02/1981	
	65	Author: GUANGRONG et al. Title: Effect of Components of Growth Ether Copper(I)Iodide Mixed Catalyst on Nucleophilic Substitution of Bromoestrogen (Abstract No. 195225) Publ: Chemical Abstracts Vol/Iss: 111 (21) Pages: 818, Column 1 Date: 11/20/89	
	66	Author: HALDAR et al. Title: Bc12 is the Guardian of Microtubule Integrity Publ: Cancer Research Vol/Iss: 57 Pages: 229-233 Date: 01/15/97	

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	67	Author: HAMEL et al. Title: Interactions of 2-Methoxyestradiol, an Endogenous Mammalian Metabolite, with Unpolymerized Tubulin and with Tubulin Polymers Publ: Biochemistry Vol/Iss: 35 (4) Pages: 1304-1310 Date: 1996	
	68	Author: HARTLEY-ASP et al. Title: Diethylstilbestrol Induces Metaphase Arrest and Inhibits Microtubule Assembly Publ: Mutation Research Vol/Iss: 143 (4) Pages: 231-235 Date: 08/1985	
	69	Author: HE et al. Title: A Versatile Synthesis of 2-Methoxyestradiol, an Endogenous Metabolite of Estradiol which Inhibits Tubulin Polymerization by Binding to the Colchicine Binding Site Publ: Bioorganic & Medicinal Chemistry Letters Vol/Iss: 4 (14) Pages: 1724-1728 Date: 1994	
	70	Author: HUBER et al. Title: Tubulin Binding of Conformationally Restricted Bis-Aryl Compounds Publ: Bioorganic & Medicinal Chemistry Letters Vol/Iss: 1 (5) Pages: 243-246 Date: 1991	
	71	Author: JOSEFSSON et al. Title: Suppression of Type II Collagen-Induced Arthritis by the Endogenous Estrogen Metabolite 2-Methoxyestradiol Publ: Arthritis & Rheumatism Vol/Iss: 40 (1) Pages: 154-163 Date: 01/1997	
	72	Author: KABARITY et al. Title: Further Investigations on the cytological effects of some contraceptives Publ: Mutation Research Vol/Iss: 135 Pages: 181-188 Date: 1984	
	73	Author: KELLY et al. Title: The Stimulation of Prostaglandin Production by Two Antiprogestosterone Steroids in Human Endometrial Cells (Abstract only) Publ: Journal of Clinical Endocrinology Metabolism Vol/Iss: 62 (6) Pages: 1116-1123 Date: 06/1986	

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	74	Author: KLAUBER at al. Title: Inhibition of Angiogenesis and Breast Cancer in Mice by the Microtubule Inhibitors 2-Methoxyestradiol and Taxol Publ: Cancer Research Vol/Iss: 57 Pages: 81-86 Date: 01/01/97			
	75	Author: LEBRAS, J. et al. Title: Activation and Regioselective Ortho-Functionalization of the A-Ring of B-Estradiol Promoted by "Cp*Ir": An Efficient Organometallic Procedure for the Synthesis of 2-Methoxyestradiol Publ: Organometallics Vol/Iss: 16 Pages: 1765-1771 Date: 1997			
	76	Author: LIN et al. Title: Interactions of Tubulin with Potent Natural and Synthetic Analogs of the Antimitotic Agent Combretastatin: A Structure-Activity Study Publ: Molecular Pharmacology Vol/Iss: 34 (2) Pages: 200-208 Date: 08/1988			
	77	Author: LINCOLN et al. Title: Conformation of Thicolchicine and Two B-Ring-Modified Analogues Bound to Tubulin Studied with Optical Spectroscopy Publ: Biochemistry Vol/Iss: 30 (5) Pages: 1179-1187 Date: 02/05/91			
	78	Author: LOTTERING et al. Title: Effects of the 17 β -Estradiol Metabolites on Cell Cycle Events in MCF-7 Cells Publ: Cancer Research Vol/Iss: 52 Pages: 5926-5932 Date: 11/01/92			
	79	Author: LOTTERING et al. Title: 17 β -Estradiol Metabolites Affect Some Regulators of the MCF-7 Cell Cycle Publ: Cancer Letters Vol/Iss: 110 Pages: 181-186 Date: 1996			
	80	Author: MAYOL et al. Title: Ethynylestradiol-Induced Cell Proliferation in Rat Liver Involvement of Specific Populations of Hepatocytes (Abstract only) Publ: Carcinogenesis Vol/Iss: 12 (12) Pages: 2381-2388 Date: 1992			

Examiner Signature	Sabiha Qazi	Date Considered	11/30/02
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¹Unique citation designation number. ²See attached Kinds of U.S. Patent Documents. ³Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴For Japanese patent document, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶Applicant is to place a check mark here if English language translation is attached.

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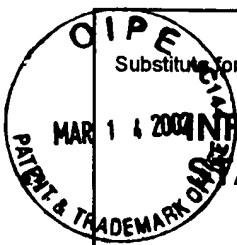
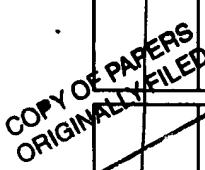
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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Filing Date		02/28/2001	
				First Named Inventor		Agoston et al.	
				Group Art Unit		1616	
				Examiner Name		Qasi, Sabiha Naim	
Sheet		11		of		16	
				Attorney Docket Number		05213-0731 (432170-253406)	
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS							
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published					T ²
	81	Author: MEIKRANTZ et al. Title: Apoptosis and the Cell Cycle Publ: <u>Journal of Cellular Biochemistry</u> Vol/Iss: 58 Pages: 160-174 Date: 06/1995					
	82	Author: MILLER et al. Title: Synthesis and Structure-Activity Profiles of A-Homoestrans, the Estratropes Publ: <u>Journal of Medicinal Chemistry</u> Vol/Iss: 40 Pages: 3836-3841 Date: 1997					
50	83	Author: MORGAN et al. Title: Calcium and Oestrogen Interactions upon the Rat Thymic Lymphocyte Plasma Membrane Publ: <u>Biochemical and Biophysical Research Communications</u> Vol/Iss: 72 (2) Pages: 663-672 Date: 09/20/76					
	84	Author: MUKHOPADHYAY et al. Title: Induction of Apoptosis in Human Lung Cancer Cells after Wild-Type p53 Activation by Methoxyestradiol Publ: <u>Oncogene</u> Vol/Iss: 14 Pages: 379-384 Date: 1997					
	85	Author: MUKUNDAN et al. Title: Liver Regeneration in Oral Contraceptive Treated Female Rats - Effects of Moderate Malnutrition Publ: <u>Hormone and Metabolic Research</u> Vol/Iss: 16 Pages: 641-645 Date: 12/1984					
	86	Author: NAKAGAWA-YAGI et al. Title: The Endogenous Estrogen Metabolite 2-Methoxyestradiol Induces Apoptotic Neuronal Cell Death <i>In Vitro</i> Publ: <u>Life Sciences</u> Vol/Iss: 58 (17) Pages: 1461-1467 Date: 1996					
	87	Author: NAKAMURA et al. Title: Studies on the Total Synthesis of <i>dl</i> -Colchicine. I. Synthesis of 3-Hydroxy-9, 10, 11-trimethoxy-1,2,3,4,6,7-hexahydro-5 <i>H</i> -dibenzo[a,c] cycloheptatrien-5-one Publ: <u>Chemical and Pharmaceutical Bulletin</u> Vol/Iss: 10 Pages: 281-290 Date: 1962					

Examiner Signature	Sabiha Qasi	Date Considered	11/30/02
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				First Named Inventor	Agoston et al.
				Group Art Unit	1616
				Examiner Name	Qasi, Sabiha Naim
Sheet 12 of 16				Attorney Docket Number	05213-0731 (432170-253406)
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
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	88	Author: NAMBARA et al. Title: Studies on Steroid Conjugates. III. New Synthesis of 2-Methoxyestrogens Publ: Chem. Pharm. Bulletin Vol/Iss: 18 (3) Pages: 474-480 Date: 03/1970			
	89	Author: NAPOLITANO et al. Title: 11 Beta-Substituted Estradiol Derivatives. 2. Potential Carbon-11 and Iodine-Labeled Probes for the Estrogen Receptor (Abstract only) Publ: Journal of Medical Chemistry Vol/Iss: 38 (14) Pages: 2774-2779 Date: 07/07/95			
	90	Author: NISHIGAKI et al. Title: Anti-Proliferative Effect of 2-Methoxyestradiol on Cultured Smooth Muscle Cells from Rabbit Aorta Publ: Atherosclerosis Vol/Iss: 113 Pages: 167-170 Date: 1995			
	91	Author: OCHS et al. Title: Effect of Tumor Promoting Contraceptive Steroids on Growth and Drug Metabolizing Enzymes in Rat Liver (Abstract only) Publ: Cancer Research Vol/Iss: 46 (3) Pages: 1224-1232 Date: 1986			
	92	Author: OPPOLZER et al. Title: 177. The Enantioselective Synthesis of (+)-Estradiol from 1,3-Dihydrobenzo[c] thiophene-2,2-dioxide by Successive Thermal SO ₂ -Extrusion and Cycloaddition Reactions Publ: Helvetica Chimica Acta Vol/Iss: 63 Pages: 1703-1707 Date: 1980			
	93	Author: PARTHASARATHY et al. Title: Antioxidant: A New Role for RU-486 and Related Compounds (Abstract only) Publ: Journal of Clinical Investigation Vol/Iss: 94 (5) Pages: 1990-1995 Date: 11/1994			
	94	Author: PAULL et al. Title: Identification of Novel Antimitotic Agents Acting at the Tubulin Level by Computer-assisted Evaluation of Differential Cytotoxicity Data Publ: Cancer Research Vol/Iss: 52 Pages: 3892-3900 Date: 07/15/92			

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Sheet 13 of 16

Application No.	09/779,331
Filing Date	02/28/2001
First Named Inventor	Agoston et al.
Group Art Unit	1616
Examiner Name	Qasi, Sabiha Naim
Attorney Docket Number	05213-0731 (432170-253406)

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	95	Author: POLI et al.	Title: Tumor Necrosis Factor α Functions in an Autocrine Manner in the Induction of Human Immunodeficiency Virus Expression		
		Publ: Proceedings of the National Academy of Science USA	Vol/Iss: 87	Pages: 782-785	Date: 01/1990
	96	Author: RAVINDRA, R.	Title: Effect of Estradiol on the <i>in vitro</i> Assembly of Rat Brain Tubulin		
		Publ: Journal of Indian Institute of Science	Vol/Iss: 64 (3)	Pages: 27-35	Date: 03/1983
	97	Author: SAKAKIBARA et al.	Title: Effects of Diethylstilbestrol and its Methyl Ethers on Aneuploidy Induction and Microtubule Distribution in Chinese Hamster V79 cells		
		Publ: Mutation Research	Vol/Iss: 263	Pages: 269-276	Date: 08/1991
	98	Author: SATO et al.	Title: Effect of Estradiol and Ethynylestradiol on Microtubule Distribution in Chinese Hamster V79 Cells		
		Publ: Chemical and Pharmaceutical Bulletin	Vol/Iss: 40 (1)	Pages: 182-184	Date: 01/1992
	99	Author: SATO et al.	Title: Disruptive Effect of Diethylstilbestrol on Microtubules		
		Publ: Gann	Vol/Iss: 75	Pages: 1046-1048	Date: 12/1984
	100	Author: SAWADA et al.	Title: Colchicine-Like Effect of Diethylstilbestrol (DES) on Mammalian Cells in Vitro		
		Publ: Mutation Research	Vol/Iss: 57	Pages: 175-182	Date: 05/1978
	101	Author: SEEGERs et al.	Title: Cyclic-AMP and Cyclic-GMP Production in MCF-7 Cells Exposed to Estradiol-17 Beta, Catecholestrogens and Methoxy-Estrogens in MCF-7 Cells (Meeting Abstract only)		
		Publ: Joint MCI-1st Symposium. Third 1st International Symposium. Biology and Therapy of Breast Cancer	Vol/Iss:	Pages:	Date: 09/25/89

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				Filing Date	02/28/2001
				First Named Inventor	Agoston et al.
				Group Art Unit	1616
				Examiner Name	Qasi, Sabiha Naim
Sheet	14	of	16	Attorney Docket Number	05213-0731 (432170-253406)
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	102	Author: SEEGER, J.C. et al. Title: The Cytotoxic Effects of Estradiol-17B, Catecholestradiols and Methoxyestradiols on Dividing MCF-7 and HeLa Cells Publ: Journal of Steroid Biochemistry Vol/Iss: 32 (6) Pages: 797-809 Date: 1989			
	103	Author: SHARP et al. Title: Diethylstilbestrol: the Binding and Effects of Diethylstilboestrol upon the Polymerisation and Depolymerisation of Purified Microtubule Protein in vitro Publ: Carcinogens Vol/Iss: 6 (6) Pages: 865-871 Date: 06/1985			
	104	Author: SPICER et al. Title: Catecholestrogens Inhibit Proliferation and DNA Synthesis of Porcine Granulosa Cells in Vitro: Comparison with Estradiol, 5 α -dihydrotestosterone, Gonadotropins and Catecholamines Publ: Molecular and Cellular Endocrinology Vol/Iss: 64 Pages: 119-126 Date: 1989			
	105	Author: STERNLICHT et al. Title: Colchicine Inhibition of Microtubule Assembly via Copolymer Formation Publ: The Journal of Biological Chemistry Vol/Iss: 254 (20) Pages: 10540-10550 Date: 10/25/79			
	106	Author: SUN et al. Title: Antitumor Agents. 139. Synthesis and Biological Evaluation of Thiocolchicine Analogs 5,6-Dihydro-6(S)-(acyloxy)-and 5,6-Dihydro-6(S)-[(acyloxy)methyl]-1,2,3- Publ: Journal of Medicinal Chemistry Vol/Iss: 36 Pages: 544-551 Date: 03/05/93			
	107	Author: SUNAGAWA et al. Title: Synthesis of Colchicine; Synthesis of dl'-Demethoxydeoxy-hexahydrocolchicine Publ: Chem. Pharm. Bulletin Vol/Iss: 9 Pages: 81-83 Date: 1961			
	108	Author: TERANISHI, M. et al. Title: Methylation of Catechol Estrogen with Diazomethane Publ: Chemical and Pharmaceutical Bulletin Vol/Iss: 31 (9) Pages: 3309-3314 Date: 09/1983			

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Sheet 15 of 16

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Application No.	09/779,331
Filing Date	02/28/2001
First Named Inventor	Agoston et al.
Group Art Unit	1616
Examiner Name	Qasi, Sabiha Naim
Attorney Docket Number	05213-0731 (432170-253406)

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	109	Author: TISHLER et al. Title: Microtubule-Active Drugs Taxol, Vinblastine, and Nocodazole Increase the Levels of Transcriptionally Active p53 Publ: Cancer Research Vol/Iss: 55 Pages: 6021-6025 Date: 12/15/95	
	110	Author: TSUTSUI et al. Title: Comparison of Human Versus Syrian Hamster Cells in Culture for Induction of Mitotic Inhibition, Binucleation and Multinucleation, Following Treatment with Four Aneuploidogens Publ: Toxicology in Vitro Vol/Iss: 4 (1) Pages: 75-84 Date: 1990	
	111	Author: UTNE et al. Title: The Synthesis of 2- and 4-Fluoroestradiol Publ: Journal of Organic Chemistry Vol/Iss: 33 (6) Pages: 2469-2473 Date: 06/1968	
	112	Author: VAN GEERESTEIN et al. Title: Structure of 11.β-(4-(dimethylamino)phenyl)-17.β.-hydroxy-17.α.- (2-propenyl) estro-4,9-dien-3-one (Identifier only) Publ: Acta Crystall Ogr., Sect. C: Cryst. Struct. Commun. Vol/Iss: C43 (2) Pages: 319-322 Date: 1987	
	113	Author: VAN TAMELEN et al. Title: The Synthesis of Colchicine Publ: Tetrahedron Vol/Iss: 14 Pages: 8-34 Date: 09/1961	
	114	Author: WANG, Z. et al. Title: An Optimized Synthesis of 2-Methoxyestradiol, a Naturally Occurring Human Metabolite with Anticancer Activity Publ: Synth. Commun. Vol/Iss: 28 (23) Pages: 4431-4437 Date: 1998	
	115	Author: WHEELER et al. Title: Mitotic Inhibition and Aneuploidy Induction by Naturally Occurring and Synthetic Estrogens in Chinese Hamster Cells in Vitro Publ: Mutation Research Vol/Iss: 171 Pages: 31-41 Date: 1986	

Examiner
Signature

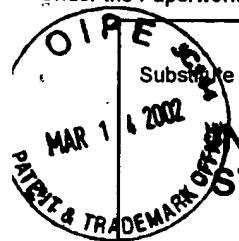
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Sheet	16	of	16	Application No.	09/779,331
				Filing Date	02/28/2001
				First Named Inventor	Agoston et al. #9
				Group Art Unit	1616
				Examiner Name	Qasi, Sabiha Naim
				Attorney Docket Number	05213-0731 (432170-253406)

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300	116	Author: WHEELER et al. Title: Mitotic Inhibition and Chromosome Displacement Induced by Estradiol in Chinese Hamsters Cells Publ: Cell Motility and the Cytoskeleton Vol/Iss: 7 (3) Pages: 235-247 Date: 1987	
	117	Author: YUE et al. Title: 2-Methoxyestradiol, an Endogenous Estrogen Metabolite, Induces Apoptosis in Endothelial Cells and Inhibits Angiogenesis: Possible Role for Stress-Activated Protein Kinase Signaling Pathway and Fas Expression Publ: Molecular Pharmacology Vol/Iss: 51 Pages: 951-952 Date: 1997	

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				Application No.	09/779,331			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Filing Date	02/08/2001			
				First Named Inventor	Agoston #10			
Sheet 1 of 3 MAY 23 2002				Group Art Unit	1616			
				Examiner Name	Sabiha Naim Qazi			
				Attorney Docket Number	05213-0731 (43170-253406)			
FOREIGN PATENT DOCUMENTS								
Examiner Initials	Page No.	Office ³	Number ⁴	Kind Code ⁵ (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
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	2	Author: ARNOLDI et al. Title: Sweet Isovanillyl Derivatives: Synthesis and Structure-Taste Relationships of Conformationally Restricted Analogs (abstract only) Publi: Journal of Agric. Food Chem. Vol/Iss: 46(10) Pages: 4002-4010 Date: 1998			
	3	Author: AUDIER et al. Title: Orientation de la fragmentation en spectrometrie de masse par introduction de groupements fonctionnels. VII. - Etheylecetal de ceto-2 steroides Publi: Bulletin De La Societe Chimique De France Vol/Iss: 10 Pages: 3088-3090 Date: 1965			
	4	Author: CAMBIE et al. Title: Aromatic Steroids. Part II. Chromium Trioxide Oxidation of Some Oestra-1,3,5(10)-trienes Publi: Journal of the Chemical Society Vol/Iss: 9 Pages: 1234-1240 Date: 1969			
	5	Author: FETIZON et al. Title: Synthesis of 2-keto steroids (abstract only) Publi: Bull. Soc. Chim. FR. Vol/Iss: 8 Pages: 3301-3306 Date: 1968			
	6	Author: LICHTENAUER et al. Title: Zur Behandlung des Prostata-Karzinoms Publi: Deutsches medizinisches Journal Vol/Iss: 23 Pages: 248-249 Date: 01/1972			
	7	Author: LIMANTSEV et al. Title: Effect of some estrogen structural analogs on the development of the mouse embryo (abstract only) Publi: Akush Jinekol. Vol/Iss: 6 Pages: 55-56 Date: 1982			
	8	Author: MILLER, Thomas Title: Tubulin as a Therapeutic Target (Abstract only) Publi: Dissertations Abstracts International Vol/Iss: 5907B Pages: 3454 Date: 1998			

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	9	Author: NUMAZAWA et al. Title: Efficient Synthesis of 2-Methoxy- and 4-Methoxy-Estrogens Publ: Journal of the Chemical Society Vol/Iss: Pages: 533-534 Date: 01/01/83				
	10	Author: RAO et al. Title: Structural Specificity of Estrogens in the Induction of Mitotic Chromatid Non-Disjunction in Hela Cells Publ: Experimental Cell Research Vol/Iss: 48 Pages: 71-81 Date: 1967				
	11	Author: RAO et al. Title: A Novel, Two-Step Synthesis of 2-Methoxyestradiol Publ: Synthesis Vol/Iss: Pages: 168-169 Date: 03/01/77				
	12	Author: SAKAKIBARA, KYOICHI Title: 2-Hydroxy-1,3,5(10)-estratriene derivatives (abstract only) (Identifier: XP-002186126) Publ: Chemical Abstracts Vol/Iss: 60(1) Pages: Date: 01/06/64				

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Substitute for Form 1449/A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known	
				Application No.	09/779,331
				Filing Date	02/08/2001
				First Named Inventor	Agoston et al.
				Group Art Unit	1616 # 13
Examiner Name	S. N. Qazi, Ph.D.				
Attorney Docket Number	05213-0731 (43170-253406)				
Sheet	1	of	10		

U.S. PATENT DOCUMENTS

Examiner Initials	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number ⁴	Kind Code ³ (if known)			
SC3	1	3,166,577		Ringold et al.	01/19/1965	
	2	3,562,260		De Ruggieri et al.	02/09/1971	



Examiner Signature	Sabirha Qazi	Date Considered	11/29/02
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Examiner Name	S. N. Qazi, Ph.D.				
Attorney Docket Number	05213-0731 (43170-253406)				
Sheet	2	of	10		

FOREIGN PATENT DOCUMENTS

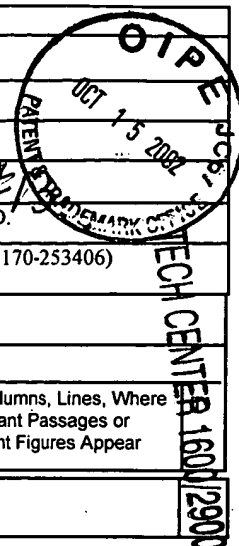
Examiner Initials	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office ²	Number ²	Kind Code ³ (if known)			
	3	WO	00/07576	A2	ENDORECHERCHE, INC	02/17/2000	
	4	WO	00/10552	A2	Global Vascular Concepts, Inc.	03/02/2000	
	5	WO	00/66095	A2	Sterix Limited	11/09/2000	
	6	WO	00/68246	A1	Research Institute for Medicine and Chemistry Inc.	11/16/2000	
SD	7	WO	01/27132	A1	The University of Melbourne	04/19/2001	
	8	WO	01/85755	A1	Research Institute for Medicine and Chemistry Inc. and Marsden, John	11/15/2001	
	9	JP	39-5480	B	Teikoku Hormone Mfg. Co.		No
	10	GB	857,080		Syntex S.A.	12/29/1960	
	11	GB	857,081		Syntex S.A.	12/29/1960	
	12	SU	1240038	A1	A MED ONCOLOGY CENTRE (abstract only)	10/27/1996	
	13	DE	2 004 516		VEB Jenapharm	09/10/1970	No
	14	WO	87/02367	A3	The Upjohn Company	04/23/1987	
	15	WO	88/08002	A1	The Upjohn Company	10/20/1988	

Examiner Signature	<i>Sabih Qazi</i>	Date Considered	11/29/02
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				First Named Inventor	Agoston et al
				Group Art Unit	1616
Examiner Name	S. N. Qazi, PhD				
Attorney Docket Number	05213-0731 (43170-253486)				
Sheet	3	of	10		

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		Office ²	Number ³	Kind Code ⁴ (if known)			
	16	WO	98/32763	A1	SRI International	07/30/1998	
	17	WO	99/01142	A1	Hyal Pharmaceutical Corporation	01/14/1999	
5029	18	WO	99/33858	A3	SRI International	07/08/1999	
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	20	JP	41 000100 (XP-002200990)	A	Dainippon Pharmaceutical Co., Ltd. (abstract only)	01/07/1966	
	21	JP	42-928	B	DAINIPPON PHARM CO LTD (abstract only)	01/18/1967	

Examiner Signature	<i>Sabiha Qazi</i>	Date Considered	11/29/02
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Examiner Name	S. N. Qazi, Ph.D.				
Attorney Docket Number	05213-0731 (43170-253406)				
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
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	22	Author: ABOULWAFI et al. Title: Synthesis and evaluation for uterotrophic and antiimplantation activities of 2-substituted estradiol derivatives Publ: Steroids Vol/Iss: 57 Pages: 199-204 Date: 04/1998			
	23	Author: BLICKENSTAFF et al. Title: SYNTHESIS OF SOME ANALOGS OF ESTRADIOL Publ: Steroids Vol/Iss: 46 (4,5) Pages: 889-902 Date: 10/1985			
	24	Author: BRANDI et al. Title: Bone endothelial cells as estrogen targets (Abstract only) Publ: Calcif. Tissue Int. Vol/Iss: 53 (5) Pages: 312-317 Date: 1993			
	25	Author: BRUEGGEMEIER et al. Title: 2-Methoxymethylestradiol: a new 2-methoxy estrogen analog that exhibits antiproliferative activity and alters tubulin dynamics Publ: Journal of Steroid Biochemistry & Molecular Biology Vol/Iss: 78 Pages: 145-156 Date: 2001			
	26	Author: CRABBE, P. Title: Cotton effect of the styrene chromophore (Abstract only) Publ: Chem. Ind. Vol/Iss: 27 Pages: 917-918 Date: 1969			
	27	Author: DUBEY et al. Title: Methoxyestradiols Mediate the Antimitogenic Effects of Estradiol on Vascular Smooth Muscle Cells via Estrogen Receptor-Independent Mechanisms Publ: Biochemical and Biophysical Research Communications Vol/Iss: 278 Pages: 27-33 Date: 2000			
	28	Author: EL-TOMBARY. Title: Synthesis, Uterotropic, And Antiuterotropic Activities of Some Estradiol Derivatives Containing Thiazazole, Thiazoline, and Thiazolidinone Moieties Publ: Arch. Pharm. Pharm. Med. Chem. Vol/Iss: 330 (9-10) Pages: 295-302 Date: 1997			

Examiner Signature	<i>Sabih Qazi</i>	Date Considered	11/29/02
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				Filing Date	02/08/2001
				First Named Inventor	Agoston et al.
				Group Art Unit	1616
Sheet 5 of 10				Examiner Name	S. N. Qazi, Ph.D.
				Attorney Docket Number	05213-0731 (43170-253406)
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			
	29	Author: EMONS et al. Title: Modulation der hypophysaren Sekretion von Luteinisierendem Hormon (LH) durch Ostrogene Publ: FOCUS MHL Vol/Iss: 3 Pages: 221-228 Date: 2000			
	30	Author: FANCHENKO et al. Title: Characteristics of the guinea pig uterus estrogen receptor system (Abstract only) Publ: Byull. Eksp. Biol. Med. Vol/Iss: 85 (4) Pages: 467-470 Date: 1978			
50m	31	Author: FRASER et al. Title: Angiogenesis and its control in the female reproductive system (Abstract only) Publ: British Medical Bulletin Vol/Iss: 56 (3) Pages: 787-797 Date: 2000			
	32	Author: GANDHI et al. Title: Mannich reaction of estrone Publ: Journal of Indian Chem. Soc. Vol/Iss: 39 Pages: 306-308 Date: 1962			
	33	Author: HAHNEL et al. Title: THE SPECIFICITY OF THE ESTROGEN RECEPTOR OF HUMAN UTERUS Publ: Journal of Steroid Biochemistry Vol/Iss: 4 Pages: 21-31 Date: 1973			
	34	Author: HE et al. Title: NOVEL CYTOKINE RELEASE INHIBITORS. PART II: STEROIDS Publ: Bioorganic & Medicinal Chemistry Letters Vol/Iss: 8 Pages: 2825-2828 Date: 1998			
	35	Author: HEJAZ et al. Title: Synthesis and Biological Activity of the Superestrogen (E)-17-Oximino-3-O-sulfamoyl-1,3,5(10)-estratriene: X-ray Crystal Structure of (E)-17-Oximino-3-hydroxy-1,3,5(10)-estratriene Publ: Journal of Medicinal Chemistry Vol/Iss: 42 (16) Pages: 3188-3192 Date: 1999			

Examiner Signature	Sabih Qazi	Date Considered	11/29/02
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Substitute for Form 1449/A/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Complete if Known		
				Application No.	09/779,331	
				Filing Date	02/08/2002	
				First Named Inventor	Agoston et al.	
				Group Art Unit	1616	
Examiner Name	S. N. Qazi, PMP					
Attorney Docket Number	05213-0731 (43170-253406)					
Sheet	6	of	10			
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS						
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published				
	36	Author: HOLKER et al. Title: The Reactions of Estrogens with Benzeneseleninic Anhydride and Hexamethyldisilazane Publ: J. Chem. Soc. Perkin Trans. Vol/Iss: I Pages: 1915-1918 Date: 1982				
	37	Author: HU, G. Title: Neomycin inhibits angiogenin-induced angiogenesis (Abstract only) Publ: Proceedings of the National Academy of Sciences, USA Vol/Iss: 95 (17) Pages: 9791-9795 Date: 1998				
	38	Author: IKEGAWA et al. Title: Immunoaffinity extraction for liquid chromatographic determination of equilin and its metabolites in plasma (Abstract only) Publ: Biomed. Chromatogr. Vol/Iss: 10 (2) Pages: 73-77 Date: 1996				
	39	Author: IRIARTE et al. Title: Steroids (XCIV). Synthesis of 2-methyl and 1,2-dimethyl estrogens (Abstract only) Publ: Tetrahedron Vol/Iss: 3 Pages: 28-36 Date: 1958				
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	41	Author: KOVACS et al. Title: Steroids. XXIII. Synthesis of 2- and 4-hydroxy and 2,4-dihydroxy derivatives of estrone and estradiol (Abstract only) Publ: Acta Phys.Chem. Vol/Iss: 19 (3) Pages: 287-290 Date: 1973				
	42	Author: KUREBAYASHI et al. Title: Paradoxical hormone responses KPL-1 breast cancer cells in vivo: a significant role of angiogenesis in tumor growth (Abstract only) Publ: Oncology Vol/Iss: 59 (2) Pages: 158-165 Date: 2000				

Examiner Signature	Sabiha Qazi	Date Considered	11/29/02
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				Application No.	09/779,331
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				First Named Inventor	Agoston et al.
				Group Art Unit	1616
Sheet 7 of 10				Examiner Name	S. N. Qazi, Ph.D.
				Attorney Docket Number	05213-0731 (43170-253406)
OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published			
503 1 1 1 1 1	43	Author: LIPPERT et al. Title: The effects of A-ring and D-ring metabolites of estradiol on the proliferation of vascular endothelial cells Publ: Life Sciences Vol/Iss: 67 Pages: 1653-1658 Date: 2000			
	44	Author: LOOZEN et al. Title: An approach to the synthesis of 7.beta.-amino estrogens (Abstract only) Publ: Recl.: J.R. Neth.Chem. Soc. Vol/Iss: 102 (10) Pages: 433-437 Date: 1983			
	45	Author: LOVELY et al. Title: 2-(Hydroxyalkyl)estradiols: Synthesis and Biological Evaluation Publ: Journal of Medicinal Chemistry Vol/Iss: 39 Pages: 1917-1923 Date: 1996			
	46	Author: MACCARTHY-MORROGH et al. Title: Differential Effects of Estrone and Estrone-3-O-Sulfamate Derivatives on Mitotic Arrest, Apoptosis, and Microtubule Assembly in Human Breast Cancer Cells Publ: Cancer Research Vol/Iss: 60 Pages: 5441-5450 Date: 10/01/2000			
	47	Author: MICHEL et al. Title: Inhibition of synaptosomal high-affinity uptake of dopamine and serotonin by estrogen agonists and antagonists (Abstract only) Publ: Biochem. Pharmacol. Vol/Iss: 36 (19) Pages: 3175-3180 Date: 1987			
	48	Author: MORISAKI et al. Title: Steroids. LI. Aromatization reaction of the cross-conjugated dienone system by Zinc 9. (Abstract only) Publ: Chem. Pharm. Bull. Vol/Iss: 14 (8) Pages: 866-872 Date: 1966			
49	Author: MUECK et al. Title: Angiogenetic and anti-angiogenetic effects of estradiol and its metabolites (Abstract only) Publ: Journal of Clinical and Basic Cardiology Vol/Iss: 4 (2) Pages: 153-155 Date: 2001				

Examiner Signature	Sabiha Qazi	Date Considered	11/29/02
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Sheet 8 of 10				Examiner Name	S. N. Qazi, Ph.D.
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OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS					
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	50	Author: NAMBARA et al. Title: Microbial transformation products derived from steroids. I. Synthesis of 1,2- and 3-dimethoxy-4-methylestratrienes (Abstract only) Publ: Chem. Pharm. Bull. Vol/Iss: 20 (2) Pages: 336-342 Date: 1972			
	51	Author: NUMAZAWA et al. Title: Novel and Regiospecific Synthesis of 2-Amino Estrogens via Zincke Nitration Publ: Steroids Vol/Iss: 41 (5) Pages: 675-682 Date: 1983			
	52	Author: OMAR et al. Title: Synthesis, binding affinities and uterotrophic activity of some 2-substituted estradiol and ring-A-fused pyrone derivatives Publ: European Journal of Medicinal Chemistry Vol/Iss: 29 Pages: 25-32 Date: 1994			
	53	Author: PERT et al. Title: Preparations of 2,4-disubstituted estradiols (Abstract only) Publ: Australian Journal of Chemistry Vol/Iss: 42 (3) Pages: 421-432 Date: 1989			
	54	Author: PETERS et al. Title: 17-Desoxy Estrogen Analogues Publ: Journal of Medicinal Chemistry Vol/Iss: 32 (7) Pages: 1642-1652 Date: 1989			
	55	Author: PFEIFFER et al. Title: Are catechol estrogens obligatory mediators of estrogen action in the central nervous system? I. Characterization of pharmacological probes with different receptor binding affinities and catechol estrogen formation rates (Abstract only) Publ: Journal of Endocrinology Vol/Iss: 110 (3) Pages: 489-497 Date: 1986			
	56	Author: SATO et al. Title: Natural estrogens induce modulation of microtubules in Chinese hamster V79 cells in culture (Abstract only) Publ: Horm. Carcinog. II. Proceedings Int. Symp., 2nd (1996), Meeting Date 1994 Vol/Iss: Pages: 454-457 Date: 1996			

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	57	Author: SHISHKINA et al. Title: Synthesis and properties of condensed heterocyclic derivatives of estro-4, 9-dien-17.β.α.1-3-one (Abstract only) Publ: Khim.-Farm. Zh. Vol/Iss: 8 (1) Pages: 7-11 Date: 1974			
	58	Author: SINGH et al. Title: Inhibition of deoxyglucose uptake in MCF-7 breast cancer cells by 2-methoxyestrone and 2-methoxyestrone-3-O-sulfamate (Abstract only) Publ: Molecular and Cellular Endocrinology Vol/Iss: 160 (1-2) Pages: 61-66 Date: 2000			
	59	Author: SIRACUSA et al. Title: The effect of microtubule- and microfilament-disrupting drugs on preimplantation mouse embryos (Abstract only) Publ: Jouranal of Embryology and Experimental Morphology Vol/Iss: 60 Pages: 71-82 Date: 12/1980			
	60	Author: SPYRIOUNIS et al. Title: Copper (II) complex of an estradiol derivative with potent antiinflammatory properties (Abstract only) Publ: Arch. Pharm. Vol/Iss: 324 (9) Pages: 533-536 Date: 1991			
	61	Author: WANG et al. Title: Photoaffinity labeling of human placental estradiol 17.β.α.-dehydrogenase with 2- and 4-azidoestrone, 2- and 4-azidoestradiol (Abstract only) Publ: Shengwu Huaxue Zazhi Vol/Iss: 8 (6) Pages: 715-718 Date: 1992			
	62	Author: WANG et al. Title: Synthesis of B-Ring Homologated Estradiol Analogues that Modulate Tubulin Polymerization and Microtubule Stability Publ: Journal of Medicinal Chemistry Vol/Iss: 43 Pages: 2419-2429 Date: 2000			
	63	Author: WIESE et al. Title: Induction of the Estrogen Specific Mitogenic Response of MCF-7 Cells by Selected Analogues of Estradiol-17β. A 3D QSAR Study Publ: Journal of Medicinal Chemistry Vol/Iss: 40 Pages: 3659-3669 Date: 1997			

Examiner Signature	<i>Sabiha Qazi</i>	Date Considered	11/29/02
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503	64	Author: WURTZ et al. Title: Three-Dimensional Models of Estrogen Receptor Ligand Binding Domain Complexes, Based on Related Crystal Structures and Mutational and Structure-Activity Relationship Data Publ: Journal of Medicinal Chemistry Vol/Iss: 41 Pages: 1803-1814 Date: 1998				

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